



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sternberg *et al.*
Serial No.: 09/655,160
Filed: September 5, 2000
For: POLYCYSTIC KIDNEY DISEASE GENE
HOMOLOGS REQUIRED FOR MALE
MATING BEHAVIOR IN NEMATODES
AND ASSAYS BASED THEREON
Art Unit: 1632
Examiner: Unassigned

I hereby certify that this paper and the
attached papers are being deposited with
the United States Postal Service as first
class mail in an envelope addressed to:
Commissioner for Patents
Washington, D.C. 20231, on this date.

02/08/01
Date

Shelley M. Callagy

TRANSMITTAL LETTER

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is a Preliminary Amendment, an Information Disclosure Statement, Forms PTO-1449 (8 pages), and the cited references for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a First Office Action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

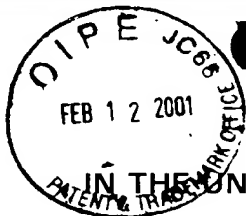
- ☒ The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By:

Stephanie Seidman
Registration No. 33,779

Dated: February 8, 2001
Attorney Docket No. 18021-2919B
Address all correspondence to:
HELLER EHRMAN WHITE & McAULIFFE LLP
4250 Executive Square, 7th Floor
La Jolla, California 92037
Telephone: (858) 450-8400
Facsimile: (858) 587-5360
E-mail: sseidman@HEWM.com



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Assistant Commissioner for Patents
Washington, D.C. 20231, on this date.

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Shelley M. Callagy

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Preliminary to the examination of the above-captioned application, please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows:

- at page 1, line 26, please replace "pathway," with —pathway—;
- at page 2, line 5, please replace "(1992)" with —(1993)—;
- at page 3, line 1, please replace "causes" with —cause—;
- at page 3, line 4, please replace "patients" with —patients,—;
- at page 3, line 13, please replace "AKPKD" with —ADPKD—;
- at page 3, line 18, please replace "(1993)" with —(1994)—;
- at page 4, line 7, please replace "disorders" with —disorders,—;
- at page 4, line 30, please replace "studied" with —studied,—;
- at page 5, line 2, please replace "location. Thus" with —location, thus—;
- at page 5, line 19, please replace "is" with —are—;
- at page 6, line 14, please replace "*elegans*." with —*elegans* are provided.—;
- at page 7, line 3, please replace "also" with —also as a—;

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at page 7, line 9, please delete "are";
at page 7, line 10, please delete "also provided.";
at page 7, line 10, please replace "assays" with —assay—;
at page 7, line 18, please replace "involved" with —involve—;
at page 7, line 25, please delete "in";
at page 8, line 12, please replace "selected" with —selected,—;
at page 8, line 16, please replace "diagnostic." with —diagnostics.—;
at page 8, line 29, please replace "hermaphrodites," with
—hermaphrodites—;
at page 9, line 15, please replace "mutagenized and" with —mutagenized,—;
at page 9, line 15, please replace "selected" with —selected,—;
at page 10, line 4, please replace "compound" with —compound,—;
at page 10, line 25, please replace "male" with —male,—;
at page 10, line 28, please replace "spicules," with —spicules;—;
at page 11, line 6, please replace "designate" with —designates;—;
at page 12, line 23, please replace "Cold Spring Harbor Press" with
—Academic Press,—;
at page 12, line 24, please delete "Books,";
at page 12, line 24, please replace "eds)." with —eds. 1995).—;
at page 13, line 16, please replace "such as a" with —such as—;
at page 13, line 25, please replace "to of males" with —of males—;
at page 14, line 10, please replace "similarity," with —similarity—;
at page 14, line 18, please replace "blocked," with —blocked;—;
at page 18, line 5, please replace "example" with —example,—;
at page 18, line 10, please replace "are" with —that are—;
at page 18, line 17, please replace "sequences," with —sequences—;
at page 18, line 26, please replace "expression" with —expression of—;
at page 19, line 1, please replace "various" with —and various—;

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at page 20, line 21, please replace "that capable" with —that is capable—;
at page 23, line 26, please replace "behaviors," with —behaviors—;
at page 24, line 10, please replace "encode" with —that encode—;
at page 24, line 13, please replace "common" with —common,—;
at page 25, line 3, please replace "phenotype" with —phenotype,—;
at page 25, line 12, please replace "capitalised" with —capitalized—;
at page 25, line 30, please replace "is" with —are—;
at page 26, line 4, please replace "sequence.The" with —sequence. The—;
at page 26, line 7, please replace "publically" with —publicly—;
at page 27, line 31, please replace "reception" with —reception,—;
at page 28, line 11, please replace "340" with —67—;
at page 29, line 36, please replace "(Lov)" with —(Lov),—;
at page 33, line 12, please replace "c." with —C.—;
at page 33, line 13, please replace "c." with —C.—;
at page 33, line 23, please replace "sequence may be searched" with
—sequences may be searched,—;
at page 37, line 26, please replace "data base" with —database—;
at page 40, line 2, please replace "frame" with —frames—;
at page 40, line 22, please replace "conclusion," with —conclusion—;
at page 40, line 29, please replace "mRNA" with —mRNA,—;
at page 41, line 14, please replace "1(sy582))" with —1(sy582)).—;
at page 41, line 23, please replace "can be" with —can be used—;
at page 41, line 24, please replace "plg-1" with —plg-1.—;
at page 41, line 25, please replace "bacground and and" with —background
and—;
at page 41, line 26, please replace "transforemed" with —transformed—;
at page 41, line 28, please replace "an" with —a—;
at page 41, line 29, please replace "pkd-2," with —pkd-2;—;

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at page 41, line 30, please replace "deletion" with —deletion.—;
at page 41, line 31, please replace "*pkd02(sy606)*" with —*pkd-2(sy606)*—;
at page 43, line 10, please replace "Fig. 1," with —Fig. 1—;
at page 44, line 22, please replace "can be are" with —can be—;
at page 44, line 27, please replace "old," with —old, and—;
at page 46, line 10, please replace "defect" with —defects—;
at page 46, line 18, please replace "identified" with —identified,—;
at page 49, line 14, please replace "mutatants" with —mutants—;
at page 49, line 21, please replace "which" with —which regulators and
factors—;

at page 51, line 4, please replace "by use" with —by the use—;
at page 53, line 13, please replace "are" with —and are—;
at page 54, line 9, please replace "produced" with —and produced—;
at page 54, line 17, please replace "used a" with —used as a—;
at page 54, line 18, please replace "4A)" with —4A).—;
at page 54, line 27, please replace "microscopy Cells" with —microscopy.
Cells—;

at page 55, line 26, please replace "hat" with —that—;
at page 56, line 29, please replace "foruth" with —fourth—;
at page 56, line 30, please replace "polysystins." with —polycystins.—;

IN THE ABSTRACT:

at page 69, line 13, please replace "vectors" with —vectors that—;

IN THE CLAIMS:

Please amend claims 38 and 56 as follows:

38. (Amended) The method of claim [34] 37, wherein prior to treatment the nematodes had defects in mating behavior, and the candidate compounds restore or partially restore either or both Lov and Response.